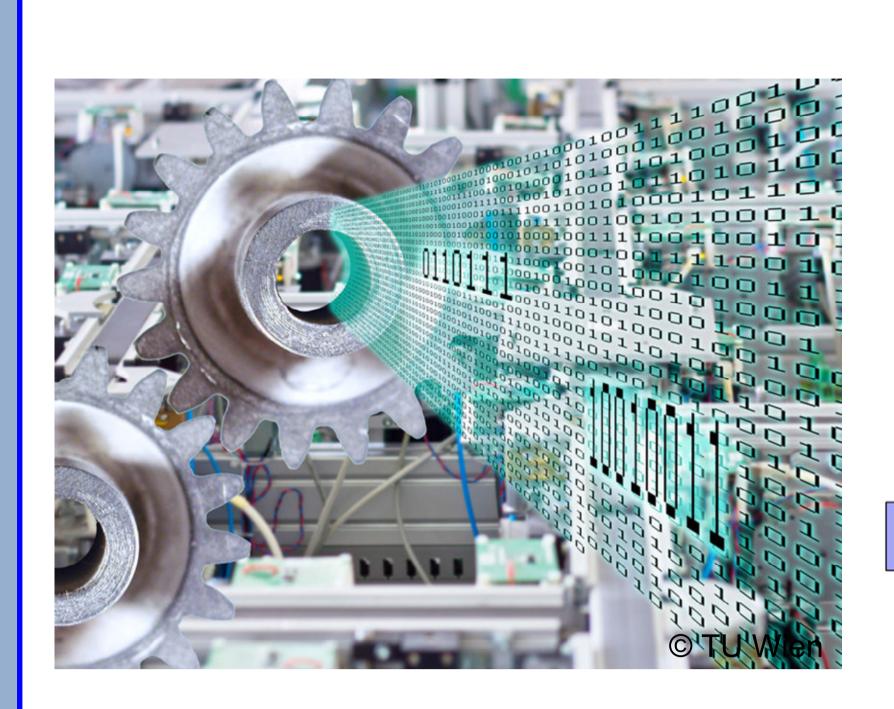


Security and Quality for Integrated Engineering

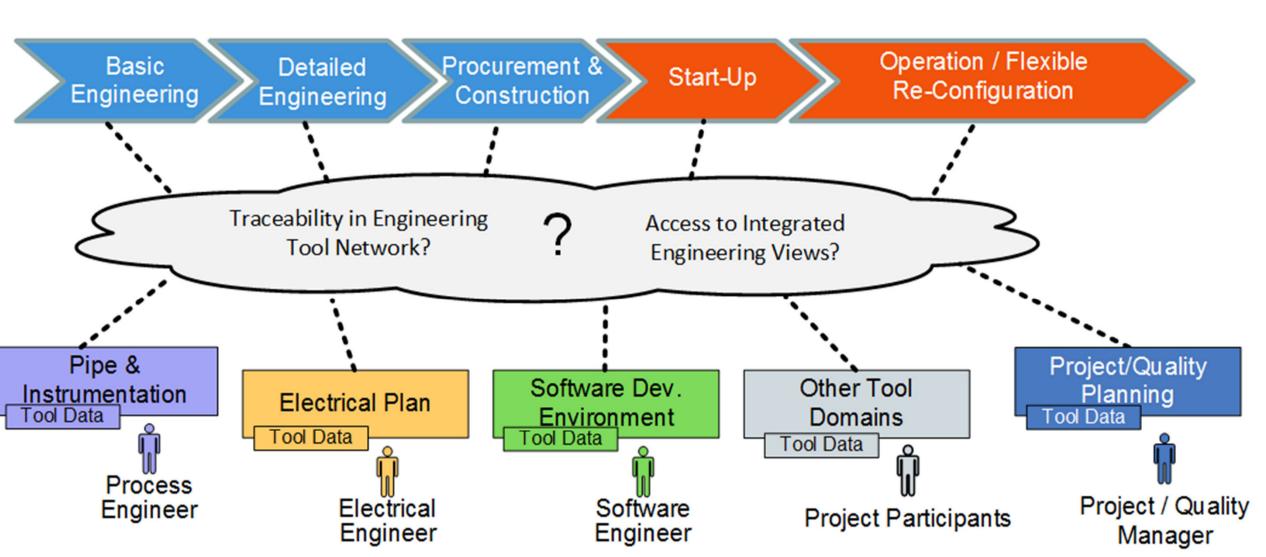
Security and Quality Improvement in the Production System Lifecylce

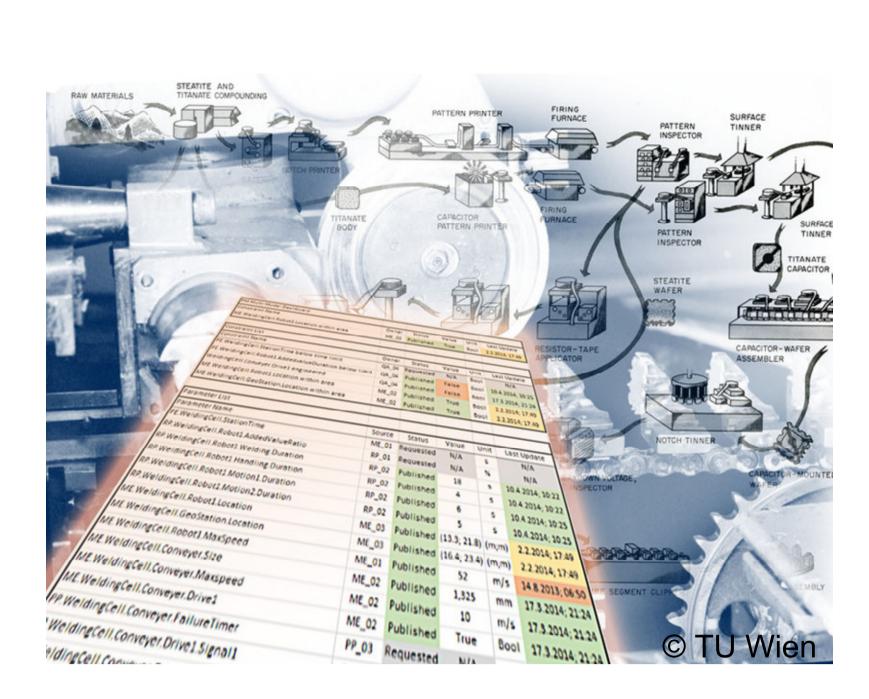


Vienna University of Technology Institute for Software Engineering and Interactive Systems

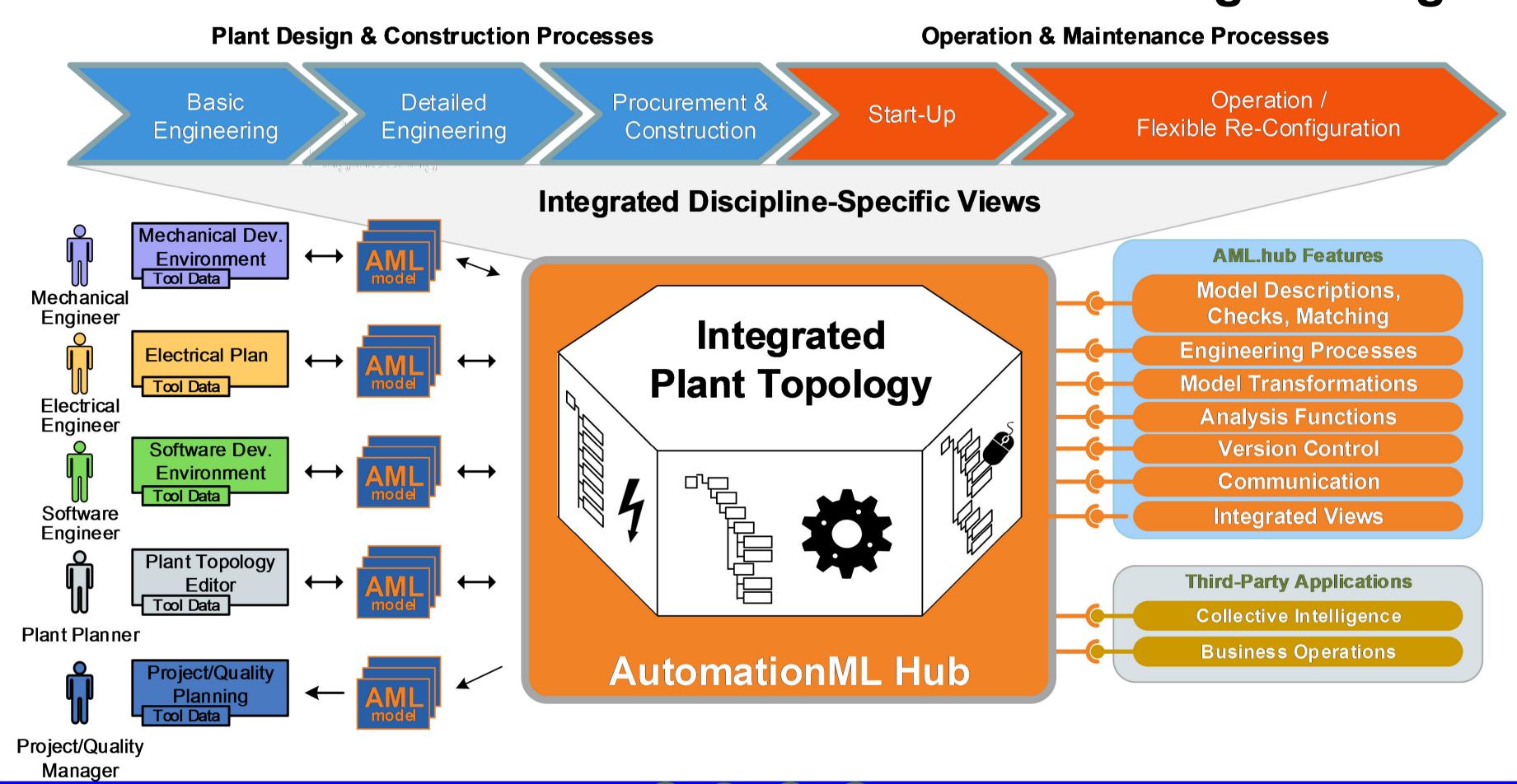


Engineering Challenges of large-scale Industrial Facilities





AutomationML Hub in Context of Production Plant Engineering Processes

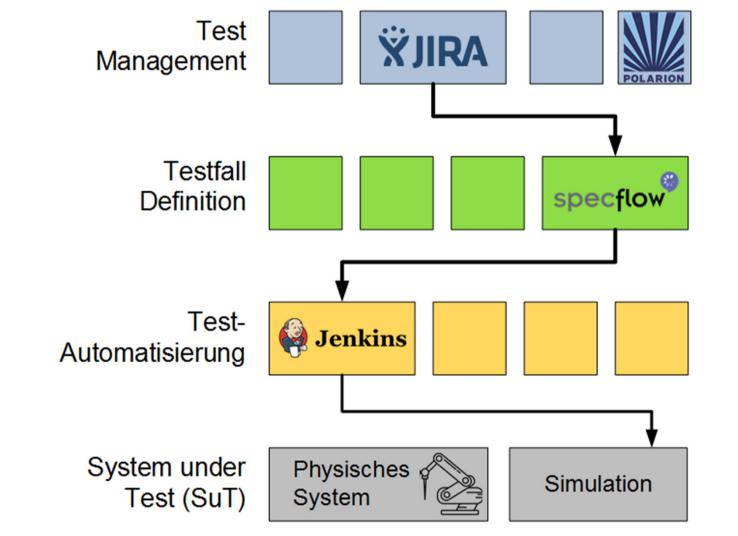


mprovement

Development

Observation

Flexible Test Automation



Flexible Configuration of Automated Tests

Project-independent Activities Test / Planning Realization Analysis Approval Reusable Artifacts / Standards Commis-

Acquisition

Project B

Project C

Mechanical

Organization A

Organization B

Project A

Planning

Project-dependent Activities

Realization

sioning

Software Dev

Systematic Improvement of Engineering Processes

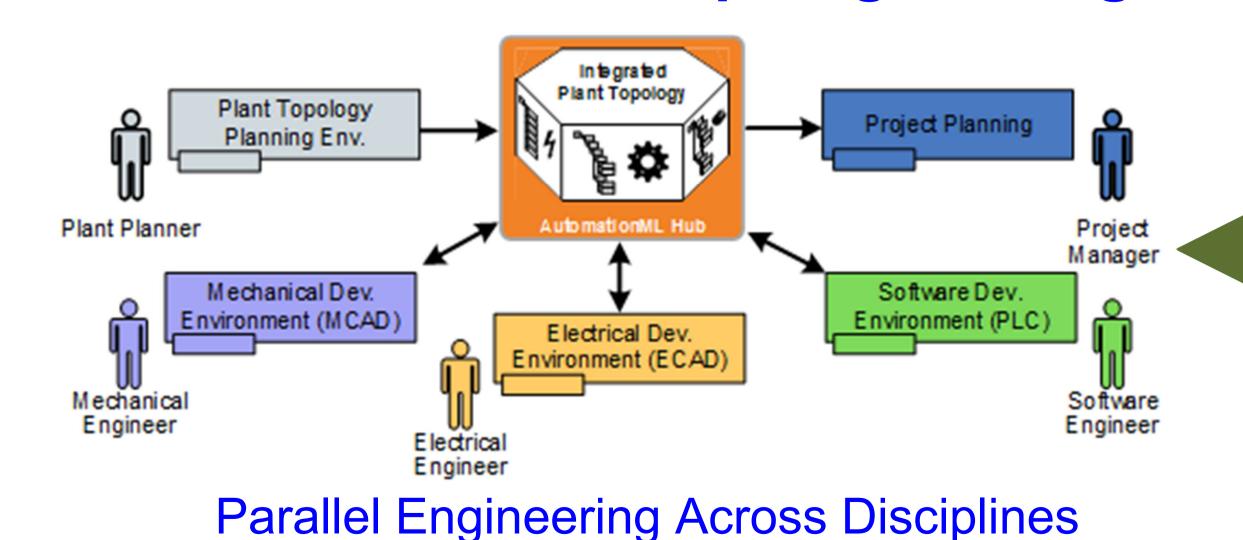
Multi-Model Dashboard

AutomationML

Efficient Observation of critical Project Parameters

Process Improvement acc. to VDI 3695

Parallel Round-Trip Engineering



Ansprechpartner Forschung

Prof. Dr. Stefan Biffl E: stefan.biffl@tuwien.ac.at

Ansprechpartner Industrie

Heinrich Steininger E: heinrich.steininger@logicals.com

W: www.logicals.com

Ansprechpartner Industrie

Project Manager

Johannes Bergsmann E: Johannes.Bergsmann@softwarequality-lab.com.com



Organization C

W: qse.ifs.tuwien.ac.at/exhibition/sps2018

W: www.software-quality-lab.com